

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
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EFS ID:	12784
Application ID:	09682895
Title of Invention:	INTEGRATED MICROMACHINED FILTER SYSTEMS AND METHODS
First Named Inventor:	Peter Gulvin
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2001-10-30
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Confirmation Number:	0
Attorney Docket Number:	109177
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Certificate Message Digest:	nFPNBS2EJCtkAqDRqzjyNg==
Total Fees Authorized:	\$1164.0
Payment Category:	DA - Deposit Account
Deposit Account Number:	240037
Deposit Account Name:	Thomas J. Pardini

# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 109177

## INTEGRATED MICROMACHINED FILTER SYSTEMS AND METHODS

First Named Inventor: Peter M. Gulvin

### SUBMITTED BY

Name:

Thomas J. Pardini

Registration Number:

30,411

Electronic Signature Mark: /Thomas J.  
Pardini

Date Signed: 20011030

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal

X109177apds.xml

fee-transmittal

X109177fee.xml

patent-assignment

X109177asgn.xml

specification

ob109177.xml

declaration

Dec.tif

### Attached Image File(s):

Dec.tif

Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Normality
Age	33.57	10.54	18	65	-0.03	3.07	0.999
Gender	0.48	0.50	0	1	0.00	3.00	0.999
Marital Status	0.45	0.50	0	1	0.00	3.00	0.999
Education	12.50	1.50	9	16	-0.03	3.07	0.999
Income	1.50	0.50	1	3	0.00	3.00	0.999
Occupation	1.50	0.50	1	3	0.00	3.00	0.999
Religion	1.50	0.50	1	3	0.00	3.00	0.999
Health	1.50	0.50	1	3	0.00	3.00	0.999
Stress	1.50	0.50	1	3	0.00	3.00	0.999
Depression	1.50	0.50	1	3	0.00	3.00	0.999
Loneliness	1.50	0.50	1	3	0.00	3.00	0.999
Life Satisfaction	1.50	0.50	1	3	0.00	3.00	0.999
Quality of Life	1.50	0.50	1	3	0.00	3.00	0.999
Resilience	1.50	0.50	1	3	0.00	3.00	0.999
Optimism	1.50	0.50	1	3	0.00	3.00	0.999
Gratitude	1.50	0.50	1	3	0.00	3.00	0.999
Forgiveness	1.50	0.50	1	3	0.00	3.00	0.999
Empathy	1.50	0.50	1	3	0.00	3.00	0.999
Compassion	1.50	0.50	1	3	0.00	3.00	0.999
Kindness	1.50	0.50	1	3	0.00	3.00	0.999
Generosity	1.50	0.50	1	3	0.00	3.00	0.999
Patience	1.50	0.50	1	3	0.00	3.00	0.999
Humility	1.50	0.50	1	3	0.00	3.00	0.999
Modesty	1.50	0.50	1	3	0.00	3.00	0.999
Shyness	1.50	0.50	1	3	0.00	3.00	0.999
Introversion	1.50	0.50	1	3	0.00	3.00	0.999
Extroversion	1.50	0.50	1	3	0.00	3.00	0.999
Sensitivity	1.50	0.50	1	3	0.00	3.00	0.999
Emotionality	1.50	0.50	1	3	0.00	3.00	0.999
Neuroticism	1.50	0.50	1	3	0.00	3.00	0.999
Conscientiousness	1.50	0.50	1	3	0.00	3.00	0.999
Agreeableness	1.50	0.50	1	3	0.00	3.00	0.999
Openness	1.50	0.50	1	3	0.00	3.00	0.999
Stability	1.50	0.50	1	3	0.00	3.00	0.999
Resilience	1.50	0.50	1	3	0.00	3.00	0.999
Optimism	1.50	0.50	1	3	0.00	3.00	0.999
Gratitude	1.50	0.50	1	3	0.00	3.00	0.999
Forgiveness	1.50	0.50	1	3	0.00	3.00	0.999
Empathy	1.50	0.50	1	3	0.00	3.00	0.999
Compassion	1.50	0.50	1	3	0.00	3.00	0.999
Kindness	1.50	0.50	1	3	0.00	3.00	0.999
Generosity	1.50	0.50	1	3	0.00	3.00	0.999
Patience	1.50	0.50	1	3	0.00	3.00	0.999
Humility	1.50	0.50	1	3	0.00	3.00	0.999
Modesty	1.50	0.50	1	3	0.00	3.00	0.999
Shyness	1.50	0.50	1	3	0.00	3.00	0.999
Introversion	1.50	0.50	1	3	0.00	3.00	0.999
Extroversion	1.50	0.50	1	3	0.00	3.00	0.999
Sensitivity	1.50	0.50	1	3	0.00	3.00	0.999
Emotionality	1.50	0.50	1	3	0.00	3.00	0.999

# APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:  
My residence, post office address and citizenship are as stated below next to my name; that  
I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint  
inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the  
invention entitled:  
INTEGRATED MICROMACHINED FILTER SYSTEMS AND METHODS

described and claimed in the specification:

## Check one

- \*a. ☒ attached hereto.  
b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,  
as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in  
Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign  
application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year  
prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the  
United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named  
foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this  
application and to transact all business in the Patent Office:

James A. Oliff, Registration No. 27,075; William P. Berridge, Registration No. 30,024;  
Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411;  
Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771;  
Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463;  
Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025;  
Richard E. Rice, Registration No. 31,560; Mark Costello, Registration No. 31,342;  
Don L. Webber, Registration No. 34,275; Ronald F. Chapuran, Registration No. 26,402;  
Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145;  
and/or Richard B. Domingo, Registration No. 36,784.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF &  
BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein  
of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these  
statements were made with the knowledge that willful false statements and the like so made are punishable by fine or  
imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may  
jeopardize the validity of the application or any patent issued thereon.

1 *Typewritten Full Name  
of First or Sole Inventor*

Peter

M.

GULVIN

Given Name

Middle Initial

Family Name

2 **\*\*INVENTOR'S SIGNATURE:**

*Peter M. Gulvin*

3 **\*\*DATE OF SIGNATURE:**

*October*

*26*

*2001*

Month

Day

Year

Residence:

Webster

New York

USA

City

State or Province

Country

Citizenship:

USA

Post Office Address:

(Insert complete

mailing address,

11 Green Pine Lane, Webster, New York, 14580

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1164**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 24-0037  
Deposit Account Name: Xerox Corporation



## SUBMITTED BY

Authorized Name: Thomas J. Pardini  
Electronic Signature Mark: /Thomas J. Pardini  
Date Signed: 20011030

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 32	103	\$ 18	12	\$ 216
Independent Claims: 5	102	\$ 84	2	\$ 168

Subtotal For Extra Claims Fees: \$ 384

## ADDITIONAL FEES

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Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40